Dhirendra Kumar

List of Publications by Year
in descending order

27 papers	1,254 citations	471509 17 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	2326 citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating transcriptome and proteome profiling: Strategies and applications. Proteomics, 2016, 16, 2533-2544.	2.2	147
2	Proteogenomic Analysis of Mycobacterium tuberculosis By High Resolution Mass Spectrometry. Molecular and Cellular Proteomics, 2011, 10, M111.011445.	3.8	145
3	Multi-omic Profiling Reveals Dynamics of the Phased Progression of Pluripotency. Cell Systems, 2019, 8, 427-445.e10.	6.2	111
4	Transcriptome and venom proteome of the box jellyfish Chironex fleckeri. BMC Genomics, 2015, 16, 407.	2.8	103
5	A Systematic Analysis of Eluted Fraction of Plasma Post Immunoaffinity Depletion: Implications in Biomarker Discovery. PLoS ONE, 2011, 6, e24442.	2.5	87
6	Intragenic Enhancers Attenuate Host Gene Expression. Molecular Cell, 2017, 68, 104-117.e6.	9.7	85
7	Polyketide Quinones Are Alternate Intermediate Electron Carriers during Mycobacterial Respiration in Oxygen-Deficient Niches. Molecular Cell, 2015, 60, 637-650.	9.7	53
8	NF-Y controls fidelity of transcription initiation at gene promoters through maintenance of the nucleosome-depleted region. Nature Communications, 2019, 10, 3072.	12.8	53
9	Decoding the function of bivalent chromatin in development and cancer. Genome Research, 2021, 31, 2170-2184.	5.5	48
10	GLIS3 is indispensable for TSH/TSHR-dependent thyroid hormone biosynthesis and follicular cell proliferation. Journal of Clinical Investigation, 2017, 127, 4326-4337.	8.2	47
11	MassWiz: A Novel Scoring Algorithm with Target-Decoy Based Analysis Pipeline for Tandem Mass Spectrometry. Journal of Proteome Research, 2011, 10, 2154-2160.	3.7	46
12	Expression profiling of lymph nodes in tuberculosis patients reveal inflammatory milieu at site of infection. Scientific Reports, 2015, 5, 15214.	3.3	43
13	Proteogenomic Analysis of Bradyrhizobium japonicum USDA110 Using Genosuite, an Automated Multi-algorithmic Pipeline. Molecular and Cellular Proteomics, 2013, 12, 3388-3397.	3.8	39
14	Integrated Transcriptomic-Proteomic Analysis Using a Proteogenomic Workflow Refines Rat Genome Annotation. Molecular and Cellular Proteomics, 2016, 15, 329-339.	3.8	35
15	Choosing an Optimal Database for Protein Identification from Tandem Mass Spectrometry Data. Methods in Molecular Biology, 2017, 1549, 17-29.	0.9	25
16	Extensive Copy Number Variations in Admixed Indian Population of African Ancestry: Potential Involvement in Adaptation. Genome Biology and Evolution, 2014, 6, 3171-3181.	2.5	23
17	Integration Host Factor of Mycobacterium tuberculosis, mIHF, Compacts DNA by a Bending Mechanism. PLoS ONE, 2013, 8, e69985.	2.5	21
18	GLIS3 Transcriptionally Activates WNT Genes to Promote Differentiation of Human Embryonic Stem Cells into Posterior Neural Progenitors. Stem Cells, 2019, 37, 202-215.	3.2	21

#	ARTICLE	IF	CITATIONS
19	ProteoStatsâ€"a library for estimating false discovery rates in proteomics pipelines. Bioinformatics, 2013, 29, 2799-2800.	4.1	18
20	Spectrum of large copy number variations in 26 diverse Indian populations: potential involvement in phenotypic diversity. Human Genetics, 2012, 131, 131-143.	3.8	17
21	Discovery of rare proteinâ€coding genes in model methylotroph <i>Methylobacterium extorquens</i> AM1. Proteomics, 2014, 14, 2790-2794.	2.2	17
22	Learning from Decoys to Improve the Sensitivity and Specificity of Proteomics Database Search Results. PLoS ONE, 2012, 7, e50651.	2.5	17
23	Proteogenomics of rare taxonomic phyla: A prospective treasure trove of protein coding genes. Proteomics, 2016, 16, 226-240.	2.2	12
24	False discovery rate: the Achillesâ€™ heel of proteogenomics. Briefings in Bioinformatics, 2022, 23, .	6.5	11
25	Proteogenomic Tools and Approaches to Explore Protein Coding Landscapes of Eukaryotic Genomes. Advances in Experimental Medicine and Biology, 2016, 926, 1-10.	1.6	10
26	Gene-Rich Large Deletions Are Overrepresented in POAG Patients of Indian and Caucasian Origins. , 2014, 55, 3258.		9
27	Probing the Missing Human Proteome: A Computational Perspective. Journal of Proteome Research, 2015, 14, 4949-4958.	3.7	6